

The key to healing is already within you.



What are Stromal Cells?

Stromal cells are undifferentiated cells found in most tissues in the body. Bone marrow contains a type of stromal cell (also referred to as a “stem” cell) called the “Mesenchymal Stromal Cell” or MSC, which is a progenitor cell that has been found in research studies to be multipotent, since they can be differentiated into a wide variety of adult cell types, including osteoblasts (bone cells), chondrocytes (cartilage cells), and adipocytes (fat cells).

A photograph of an older man with a white beard, wearing a light blue t-shirt and dark blue shorts, running on a paved path. He is smiling and giving a thumbs up. The background shows green trees and a clear sky.

To learn more about Bone Marrow Concentrate (BMC), contact your physician.

A photograph showing a close-up of a woman's hand reaching out, possibly towards a car's interior. The hand is wearing a white sleeve. The background is slightly blurred, showing the interior of a vehicle.

**Your cells.
Your healing.
Your life.**

Let's Talk About BMC

Bone Marrow Concentrate:
A patient's introduction to
BMC therapy



Why BMC?

Bone marrow is the soft spongy tissue inside your bones. Your bone marrow has stromal cells and progenitor cells that facilitate healing. Cells found in bone marrow can be used to treat damaged tissue, improve function and help control pain.

BMC has been injected into injured joints, tendons, ligaments, muscles, intervertebral discs, and other areas as shown in numerous clinical studies.

- Reservoir of potent stromal cells
- Contributes to restoring tissue integrity and function
- Natural and organic, from your own body
- Supports your body's natural healing
- Minimally invasive

***From you,
for you.***

How Many Visits are Required?

Your physician will provide you with a treatment plan that based on their experience is most appropriate for your condition. For example, the plan might include Platelet-rich Plasma treatments in addition to the BMC treatment. Physical therapy and self-directed exercises might be a part of the treatment plan. Also, your response to the therapy might vary and follow-up with the physician is important to monitor your progress.

Long Term Outcome

Results can be long lasting, but will depend on a number of factors, including your doctor's treatment plan and post-treatment physical therapy/exercise as recommended by your physician. Initial improvements could be evident within the first few weeks following your first BMC treatment, and continue throughout the healing process. This procedure may delay or reduce the need for further invasive treatments, such as surgery or prolonged use of medications.

Patients should follow-up with their physicians after receiving a BMC treatment in order to maximize the potential therapeutic benefit for the patient. For additional information, please consult with your physician.



Obtaining BMC

THE CELLING BIOSCIENCES DIFFERENCE

Bone marrow is aspirated from the back of the patient's pelvis from an area called the posterior iliac crest. The bone marrow is transferred to Celling's patented BMC+ device and centrifuged.

The BMC+ product is the only device in the world that has an integrated filter, which allows your physician to capture important biomolecules that other systems miss. After centrifugation, platelets, cells and stromal cells in the bone marrow sample are recovered in a concentrated form, known as bone marrow concentrate (BMC).

The physician is able to use the BMC as a therapeutic treatment, along with the biomolecules concentrated with the on-board filter.